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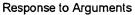
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.		
09/837,043	04/18/2001	Gary Dan Dotson	01AB028	9193		
75	7590 01/08/2004			EXAMINER QUILLEN, ALLEN E		
Alexander M. Gerasimow Rockwell Automation (Allen-Bradley Co., Inc.) 1201 South Second Street Milwaukee, WI 53204			QUILLEN, A			
			ART UNIT	PAPER NUMBER		
			2676	7		
			DATE MAILED: 01/08/2004	1/		

Please find below and/or attached an Office communication concerning this application or proceeding.

.	Application No.	Applicant(s)	
Advisory Action	09/837,043	DOTSON, GARY DAN	l
	Examiner	Art Unit	
	Allen E. Quillen	2676	
The MAILING DATE of this communication appe	ars on the cover sheet with the c	orrespondence addres	is
THE REPLY FILED 22 December 2003 FAILS TO PLAC Therefore, further action by the applicant is required to a final rejection under 37 CFR 1.113 may only be either: (1 condition for allowance; (2) a timely filed Notice of Appea Examination (RCE) in compliance with 37 CFR 1.114.	void abandonment of this applic) a timely filed amendment whi	cation. A proper reply ch places the applicat	to a ion in
PERIOD FOR RE	PLY [check either a) or b)]		
a) The period for reply expiresmonths from the mailing of the period for reply expires on: (1) the mailing date of this Adverse, will the statutory period for reply expire later the ONLY CHECK THIS BOX WHEN THE FIRST REPLY WAS 706.07(f).	isory Action, or (2) the date set forth in the an SIX MONTHS from the mailing date of	the final rejection.	
Extensions of time may be obtained under 37 CFR 1.136(a). The dath have been filed is the date for purposes of determining the period of extens 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened (b) above, if checked. Any reply received by the Office later than three mote parned patent term adjustment. See 37 CFR 1.704(b).	sion and the corresponding amount of the statutory period for reply originally set in	fee. The appropriate extens the final Office action; or (2)	sion fee under as set forth in
1. A Notice of Appeal was filed on Appellant's 37 CFR 1.192(a), or any extension thereof (37 CFR			
2. The proposed amendment(s) will not be entered be	ecause:		
(a) they raise new issues that would require further	er consideration and/or search (see NOTE below);	
(b) they raise the issue of new matter (see Note b	pelow);		
(c) they are not deemed to place the application i issues for appeal; and/or	n better form for appeal by mat	erially reducing or sim	plifying the
(d) they present additional claims without cancel	ing a corresponding number of	finally rejected claims.	
NOTE:			
3. Applicant's reply has overcome the following rejection	tion(s):		
4. Newly proposed or amended claim(s) would canceling the non-allowable claim(s).	be allowable if submitted in a s	eparate, timely filed a	mendment
5. ☐ The a) ☐ affidavit, b) ☐ exhibit, or c) ☐ request fo application in condition for allowance because: See		sidered but does NOT	place the
6. The affidavit or exhibit will NOT be considered becaused by the Examiner in the final rejection.	cause it is not directed SOLELY	to issues which were	newly
7. For purposes of Appeal, the proposed amendment explanation of how the new or amended claims we			d an
The status of the claim(s) is (or will be) as follows:			
Claim(s) allowed:			
Claim(s) objected to:			
Claim(s) rejected:			
Claim(s) withdrawn from consideration:			
8. The drawing correction filed on is a) app	roved or b) disapproved by	the Examiner.	
9.⊠ Note the attached Information Disclosure Statemen			
10. Other:	_	_	
	Ma	the C. Be	ela
	0110	MATTHEW C. BELLA	

SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER*2600**per No. 7



The Applicant argues that "Kuchkuda does not teach or suggest utilizing FIFO counter values, providing an underflow indication, or that an underflow indication is based on FIFO counter values..." (Pages 10-12).

The Examiner respectfully notes, however, that in the claims Kuchkuda and Nishiyama do disclose these features. Kuchkuda discloses control logic, line counters, page detection logic, underflow scheme to prevent starvation by managing memory in units of pages (Figure 12, Column 18, line 31 through Column 19, line 2). Nishiyama teaches that the underflow indication is controlled (prevent occurrence of interruption, Column 5, lines 52-53) according to the first input and output counter values (Column 3, lines 7-10, 29-30, 34-35; Column 5, lines 42-54).

The Applicant asserts that "Neither Rudin et al. nor Reddy overcome the deficiencies of Kuchkuda et al. and Nishiyama with respect to independent claim 1." (Page 12).

The Examiner respectfully replies that, in the claims 12-16 however, Rudin and Reddy teach the features of a second input, second output, providing first and second video data to the video pipeline, dual scan operation with the memory providing interleaved video for the purpose of low power consumption and multiple display types.